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UTILITY PATENT APPLICATION TRANSMITTAL

(only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	0666.2120000/ALF/MJM
First Inventor	Koji Irikura
Title	Bull Gear of Differential Gear Assembly
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 26]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 23]
5. Oath or Declaration [Total Pages 3]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76.

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program
(Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies



ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Two Return Receipt Postcards (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☒ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: Authorization under 37 C.F.R. § 1.136(a)(3)
☒ Other: The name of the assignee is: Kanzaki Kokyukoki Mfg. Co., LTD.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP) of prior application No: ____ / ____
Prior application information: Examiner _____ Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number **26111** or ☐ Correspondence address below

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.				
	Attorneys at Law				
ADDRESS					
CITY		STATE		ZIP CODE	
COUNTRY		TELEPHONE		FAX	

NAME (Print/Type)	Albert L. Ferro	Registration No. (Attorney/Agent)	44,679
SIGNATURE		Date	Dec. 3, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Effective 10/01/2003. Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)810.00

Application Number	To be assigned
Filing Date	Herewith
First Named Inventor	Koji Irikura
Examiner Name	To be assigned
Art Unit	To be assigned
Attorney Docket No.	0666.2120000/ALF/MJM

FEE CALCULATION (continued)

3. ADDITIONAL FEES

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Expense Recognition	Expenses are recognized when the related asset is consumed or the liability is incurred.	Expenses are recognized when the related asset is consumed or the liability is incurred.
3. Asset Recognition	Assets are recognized when they are probable to generate future economic benefits and their cost can be reliably measured.	Assets are recognized when they are probable to generate future economic benefits and their cost can be reliably measured.
4. Liability Recognition	Liabilities are recognized when they are probable to result in an outflow of resources and their amount can be reliably measured.	Liabilities are recognized when they are probable to result in an outflow of resources and their amount can be reliably measured.
5. Equity Recognition	Equity is recognized as the residual interest in the entity after deducting all liabilities from assets.	Equity is recognized as the residual interest in the entity after deducting all liabilities from assets.

Fee	Fee	Fee	Fee	Fee Description	Fee Paid
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1051	130	2051	65	Surcharge - late filing fee or oath
1502	50	2052	25	Surcharge-late provisional filing fee or cover sheet

1053	130	1053	130	Non-English specification
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination

1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action

1251	110	2251	55	Extension for reply within first month
1252	420	2252	210	Extension for reply within second month

1253	950	2253	475	Extension for reply within third month
1254	1,480	2254	740	Extension for reply within fourth month

1255	2,010	2255	1,005	Extension for reply within fifth month
1401	330	2401	165	Notice of Appeal

1402	330	2402	165	Filing a brief in support of an appeal
1403	290	2403	145	Request for oral hearing

1451	1,510	1451	1,510	Petition to institute a public use proceeding
1452	110	1452	55	Petition to revive - unavoidable

1452	110	2452	35	Petition to revive - unavoidable
1453	1,330	2453	665	Petition to revive - unintentional

1501	1,330	2501	665	Utility issue fee (or reissue)
1502	480	2502	240	Design issue fee

1503	640	2503	320	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner

1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
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1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per

				property (times number of properties)
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))

1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))
1801	770	2801	385	Request for Continued Examination (RCE)

1802	900	1802	900	Request for expedited examination of a design application
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Other fee (specify) _____

* Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)

Complete (if applicable)	
Registration No.	1-800-855-8822

(Attorney/Agent)	44,679	Telephone	202-371
		Date	Dec. 3,

Do not become public. Credit card information should not be disclosed.

Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, D

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WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering and submitting the complete information to the USPTO. The time required may vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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SKGF Rev. 10/20/03 svb



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*Admitted only in Virginia
*Practice Limited to
Federal Agencies

December 3, 2003

WRITER'S DIRECT NUMBER:

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Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Mail Stop Patent Application

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)
Appl. No. To be assigned; Filed: Herewith
For: **Bull Gear of Differential Gear Assembly**
Inventor: Koji Irikura
Our Ref: 0666.2120000/ALF/MJM

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Fee Transmittal Form (PTO/SB/17);
2. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
3. U.S. Utility Patent Application entitled:

Bull Gear of Differential Gear Assembly

and naming as inventor:

Koji Irikura

the application consisting of:

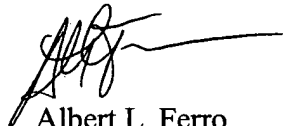
- a. An Application Data Sheet (37 C.F.R. § 1.76);
- b. An original executed Declaration;

- c. A specification containing:
 - i. 23 pages of description prior to the claims;
 - ii. 2 pages of claims (13 claims);
 - iii. a one (1) page abstract;
 - d. 23 sheets of drawings: (Figures 1-23);
- 4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
 - 5. Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i);
 - 6. Recordation Form Cover Sheet;
 - 7. An original executed Assignment to Kanzaki Kokyukoki Mfg. Co., LTD., recordation of which is hereby respectfully requested;
 - 8. Form PTO-2038 Credit Card Payment Form; and
 - 9. Two return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Albert L. Ferro
Attorney for Applicant
Registration No. 44,679

ALF/MJM/tts
Enclosures
SKGF_DC1:205895.1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Koji Irikura

Appl. No. *To Be Assigned*

Filed: Herewith

For: **Bull Gear of Differential Gear
Assembly**

Confirmation No. *To Be Assigned*

Art Unit: *To Be Assigned*

Examiner: *To Be Assigned*

Atty. Docket: 0666.2120000/ALF/MJM

**Authorization To Treat A Reply As Incorporating An Extension Of
Time Under 37 C.F.R. § 1.136(a)(3)**

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Albert L. Ferro
Attorney for Applicant
Registration No. 44,679

Date: Dec. 3, 2003
1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600

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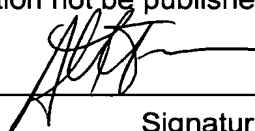
NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)		First Named Inventor	Koji IRIKURA
		Title	Bull Gear of Differential Gear Assembly
		Attorney Docket Number	0666.2120000/ALF/MJM

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Dec. 3, 2003

Date



Signature

(202) 371-2600

Telephone number

Albert L. Ferro

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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SKGF_DC1:206250.1